

Report Date: 01 Feb 2013

**Summary Report for Individual Task
071-060-0006
React to Javelin that Fails to Fire
Status: Approved**

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Condition: As a gunner given a Javelin with command launch (CLU) unit prepared to fire, that fails to fire after the trigger is squeezed. This task is always performed in MOPP.

Standard: React to misfire, react to a hangfire, notify supervisor of the misfire or hangfire.

Special Condition: None

Special Standards: None

Special Equipment:

Safety Level: Medium

MOPP: Always

Task Statements

Cue: None

DANGER

None

WARNING

None

CAUTION

None

Remarks: None

Notes: None

Performance Steps

1. React to Misfire (Figure 1).

Note: A misfire occurs when the gunner locks onto a target, squeezes the fire trigger and the missile does not launch. One of two things may happen with the status indicator: no malfunction indicators or a red MSL flashes. In either case the seeker field of view (FOV) remains on the command launch unit (CLU) display and the green SEEK and TOP indicators remain lit.

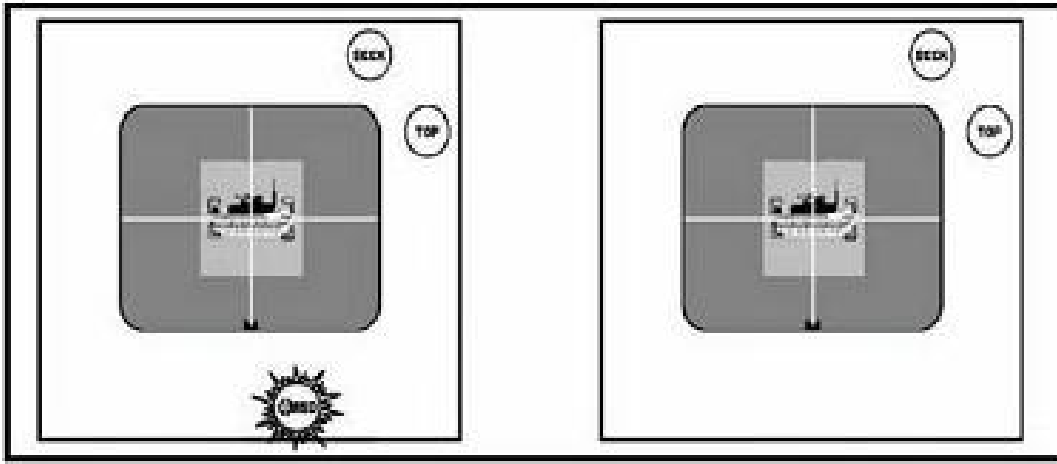


Figure 1. Misfire - with and without warning indicators.

a. Attempt to engage the target again.

- (1) Release the seeker and fire triggers.
- (2) Acquire the target, if necessary.
- (3) Attempt to lock-on the target.
- (4) Squeeze the fire trigger in for a second time.

b. React to Missile failing to fire again.

- (1) Turn OFF the CLU.
- (2) Place the Javelin on the ground with the CLU handgrips pointing up.
- (3) Keep the Javelin pointed in the direction of the enemy target.
- (4) Keep backblast area clear.
- (5) Check the interface connectors.
 - (a) Press the release latch.
 - (b) Disconnect the CLU from the round.
 - (c) Check for dirt and debris.
 - (d) Reconnect the CLU to the same round.

(e) Turn ON the CLU.

(6) Attempt to engage the target again.

(a) Release the seeker and fire triggers.

(b) Acquire the target, if necessary.

(c) Attempt to lock-on the target.

(d) Squeeze the fire trigger in for a third time.

c. Missile fails to fire.

(1) Turn OFF the CLU.

(2) Place the Javelin on the ground, pointing toward the enemy.

(3) Disconnect the CLU from the round.

(4) Move 25 meters away or move the round 25 meters from the firing position.

(5) Stay clear of the forward and aft ends of the round at all times.

(6) Obtain a replacement round.

(7) Connect CLU to new round.

Note: If the misfire continues on the new round, obtain a new CLU. Replace the battery coolant unit (BCU) on the round.

2. React to Hangfire (Figure 2).

Note: A hangfire occurs when the gunner squeezes the fire trigger but the missile does not launch and the HANGFIRE indicator flashes on the CLU display.

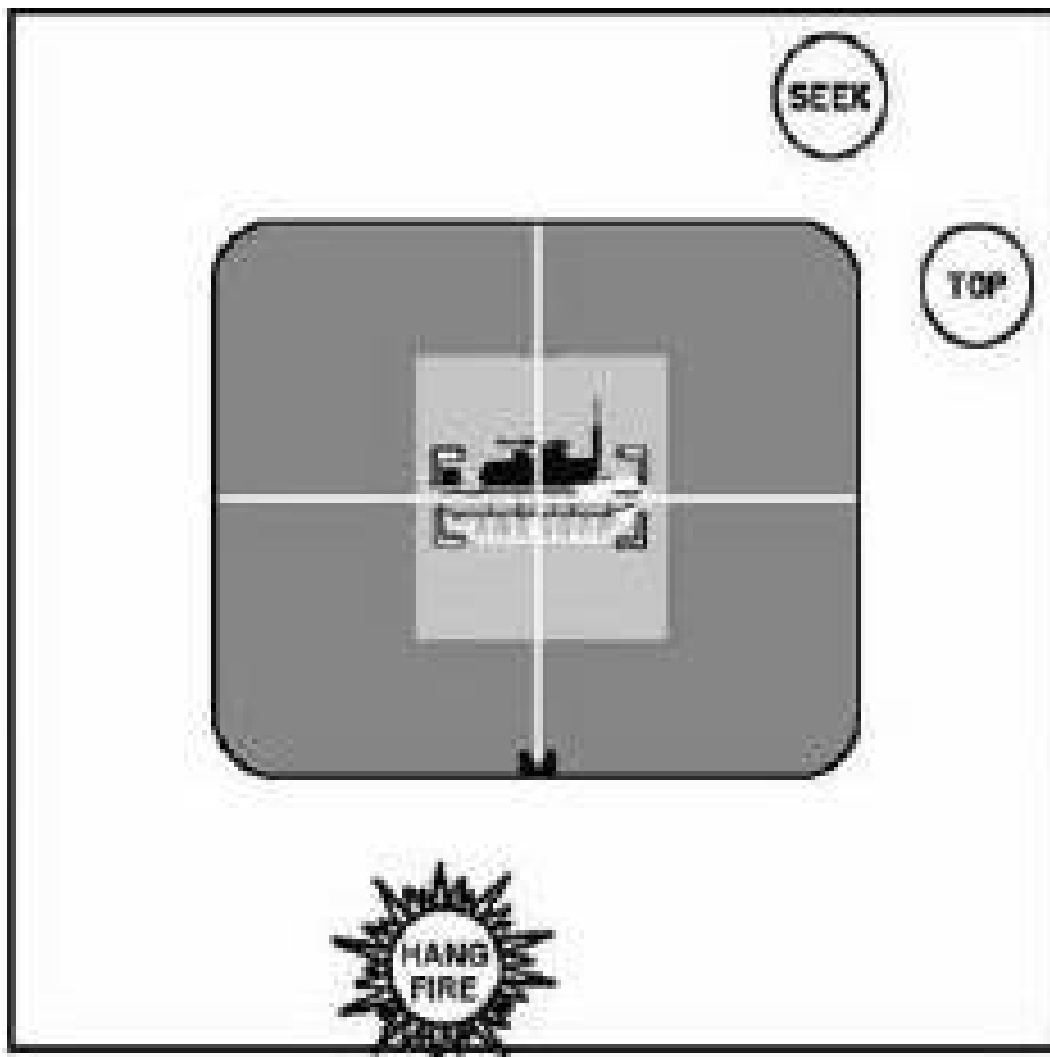


Figure 2. HANGFIRE indicator.

- a. Release the seeker and fire triggers.
- b. Continue to point missile in the direction of enemy target for 60 seconds.
- c. Turn OFF the CLU.
- d. Remove the Javelin from the shoulder.
- e. Place Javelin on the ground with the CLU handgrips pointing up.
- f. Keep the Javelin pointed in the direction of the enemy target.
- g. Ensure backblast area remains clear.
- h. Remove the CLU.
 - (1) Press the latch release.
 - (2) Disconnect the CLU from the round.

- i. Move 25 meters away or move the round 25 meters away from the firing position.
- j. Stay clear of the forward and aft ends of the round at all times.
- k. Obtain a replacement round.
- l. Connect CLU to new round.

3. Notify supervisor of the misfire or hangfire.

- a. Indicate Javelin did not fire.
- b. Give location of Javelin.

(Asterisks indicates a leader performance step.)

Evaluation Preparation: SETUP: Provide the Soldier with the equipment and/or materials described in the conditions statement.

BRIEF THE SOLDIER: Tell the Soldier what is expected by reviewing the task standards. Stress to the Soldier the importance of observing all cautions, warnings, and dangers to avoid injury to personnel and, if applicable, damage to equipment.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Reacted to a Misfire.			
2. Reacted to a Hangfire.			
3. Notified supervisor of the misfire or hangfire.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	FM 3-22.37	Javelin - Close Combat Missile System, Medium	No	Yes
	TM 9-1425-1687-10	Operator's Manual for the Javelin Weapon System M98A2 (NSN: 1430-01532-8900)(EIC: NA){Marine Corps TM 09397D-OR}	No	Yes
	TM 9-1425-688-10	Operator's Manual for the Javelin Weapon System M98A1 (NSN 1430-01-433-8025) (EIC: PLC) M98A1 (1430-01-542-6998) (EIC: NA) {TM 09397C-OR}	No	Yes

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT

Safety: In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Composite Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, NBC Protection, FM 3-11.5, CBRN Decontamination. In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Composite Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by

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Prerequisite Individual Tasks : None

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
071-060-0004	Prepare a M98-series Javelin for Firing	071 - Infantry (Individual)	Approved
071-060-0005	Engage Targets with a Javelin	071 - Infantry (Individual)	Approved

Supported Individual Tasks :

Task Number	Title	Proponent	Status
071-060-0005	Engage Targets with a Javelin	071 - Infantry (Individual)	Approved
071-060-0004	Prepare a M98-series Javelin for Firing	071 - Infantry (Individual)	Approved

Supported Collective Tasks :

Task Number	Title	Proponent	Status
07-6-1092	Conduct an Attack (Battalion - Brigade)	07 - Infantry (Collective)	Superseded
07-1-1000	Attack by Fire	07 - Infantry (Collective)	Approved

ICTL Data :

ICTL Title	Personnel Type	MOS Data
Armor 2LT	Officer	AOC: 19B, Rank: 2LT
Cavalry Scout, SL1	Enlisted	MOS: 19D, Skill Level: SL1
19D10 Calvary Scout, Version 1.00	Enlisted	MOS: 19D, Skill Level: SL1
11A Officer Lieutenant, Version 1.00	Officer	AOC: 11A, Rank: 1LT
11B10, Infantryman - Version 1.00	Enlisted	MOS: 11B, Skill Level: SL1
19A Officer Lieutenant, Version 1.00	Officer	AOC: 19A, Rank: 1LT